

CONCRETE REINFORCEMENT

Add Ribtec Fibers to the mix and you'll get a stronger, tougher concrete

More than ever, engineers all over the world are specifying steel fiber reinforced concrete over conventional bar or mesh. Uniform distribution of steel fibers throughout the mix results in a stronger, more durable concrete. And eliminating bar or mesh placement results in time and cost savings.

Not all fibers are the same

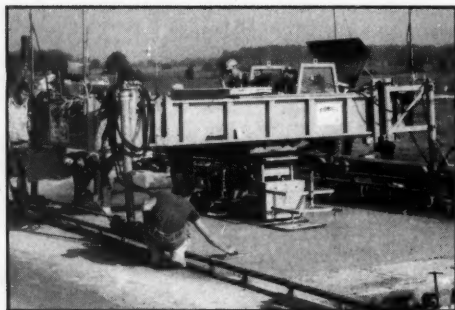
Ribtec offers the most cost-effective fiber on the market today, plus these other important advantages:

Handling

With Ribtec Fibers you won't need special placement equipment—just pour the fibers from the bag into the mixer. Ribtec Fibers come in high-strength, 5-ply paper bags for easy handling and disposal.

Service

We only make one product—steel fibers. Our success is 100% dependent on the success of the projects you design and build. Call us toll-free at 1-800-848-0477 to discuss your specific concrete application. We want to put our engineering expertise to work for you.



Ribtec Fibers being used on State Route 665 bridge deck over I-71 south of Columbus, Ohio.

Other Applications

- Overlays—roads, bridges, airfields, industrial floors
- Shotcrete—mine and tunnel linings, rock slope stabilization, dome structures
- Precast—building panels, pipes, vaults



RIBBON TECHNOLOGY CORPORATION

P.O. Box 30758 Gahanna, Ohio 43230

Semiannual Editorial Index

Associations

ACEC's CEO Jim Coyne Vows Activist Role for Council

Stanley Cohen, p40, March
Consulting Engineer, The "Invisible"

Steve Graham, p24, February
Convention, ACEC Annual, Set for Orlando

Steve Graham, p66, April
Infrastructure Decay Outpaces Repair Efforts
Steve Graham, p25

Business Aspects

A/E/C Systems Show Coming to Chicago

Teri Kwidzinski, p49, May

Brochure, The Catawampus

Duane L. Cronk, p48, June

CE EXPO 86: The Marketplace for
Design Professionals

Stanley Cohen, p32, February

Census of Firms, 1986

Jane Edmunds, p40, June

Chicago: Everyone's Kind of Town

Teri Kwidzinski, p35, February

Construction's 1986 Economic Outlook

William R. Park, p40, January

Design Review & Forecast, 1986

Jane Edmunds, p35, March

Hazardous Waste Management:

Insurance Alternatives—Creating the Captive

Donald G. Gavin & James A. Thompson, Jr.,
p45, May

Liability, Helping Clients Minimize Remedial
Response

Thomas J. Buechler & William T. Session,
p37, May

Liability, Ways to Lower the Engineer's

Joseph E. Heney, p41, April

Market and Risks

John E. Cromwell, III, G. Wade Miller,

Gene E. Fox, p35, April

Contract Documents

Dispute Resolution

Elliot Howes Gage, p74, April

Interpro Services, Agreements for

John R. Clark, p68, February

Cover

Poggemeyer, Lester, P.E., ACEC president

Jake Jaquet, p35, June

Economics

Estimates?, How Accurate are Engineers'

William R. Park, p72, April

CONCRETE REINFORCEMENT

Add Ribtec Fibers to the mix and you'll get a stronger, tougher concrete

More than ever, engineers all over the world are specifying steel fiber reinforced concrete over conventional bar or mesh. Uniform distribution of steel fibers throughout the mix results in a stronger, more durable concrete. And eliminating bar or mesh placement results in time and cost savings.

Not all fibers are the same

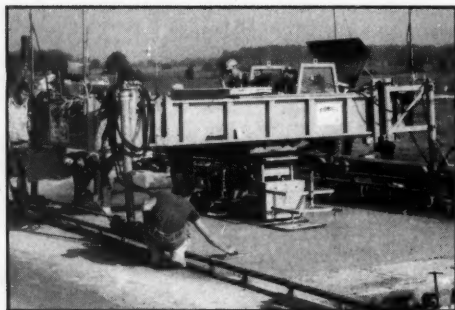
Ribtec offers the most cost-effective fiber on the market today, plus these other important advantages:

Handling

With Ribtec Fibers you won't need special placement equipment—just pour the fibers from the bag into the mixer. Ribtec Fibers come in high-strength, 5-ply paper bags for easy handling and disposal.

Service

We only make one product—steel fibers. Our success is 100% dependent on the success of the projects you design and build. Call us toll-free at 1-800-848-0477 to discuss your specific concrete application. We want to put our engineering expertise to work for you.



Ribtec Fibers being used on State Route 665 bridge deck over I-71 south of Columbus, Ohio.

Other Applications

- Overlays—roads, bridges, airfields, industrial floors
- Shotcrete—mine and tunnel linings, rock slope stabilization, dome structures
- Precast—building panels, pipes, vaults



RIBBON TECHNOLOGY CORPORATION

P.O. Box 30758 Gahanna, Ohio 43230

Semiannual Editorial Index

Associations

ACEC's CEO Jim Coyne Vows Activist Role for Council

Stanley Cohen, p40, March
Consulting Engineer, The "Invisible"

Steve Graham, p24, February
Convention, ACEC Annual, Set for Orlando

Steve Graham, p66, April
Infrastructure Decay Outpaces Repair Efforts
Steve Graham, p25

Business Aspects

A/E/C Systems Show Coming to Chicago

Teri Kwidzinski, p49, May

Brochure, The Catawampus

Duane L. Cronk, p48, June

CE EXPO 86: The Marketplace for
Design Professionals

Stanley Cohen, p32, February

Census of Firms, 1986

Jane Edmunds, p40, June

Chicago: Everyone's Kind of Town

Teri Kwidzinski, p35, February

Construction's 1986 Economic Outlook

William R. Park, p40, January

Design Review & Forecast, 1986

Jane Edmunds, p35, March

Hazardous Waste Management:

Insurance Alternatives—Creating the Captive

Donald G. Gavin & James A. Thompson, Jr.,
p45, May

Liability, Helping Clients Minimize Remedial
Response

Thomas J. Buechler & William T. Session,
p37, May

Liability, Ways to Lower the Engineer's

Joseph E. Heney, p41, April

Market and Risks

John E. Cromwell, III, G. Wade Miller,

Gene E. Fox, p35, April

Contract Documents

Dispute Resolution

Elliot Howes Gage, p74, April

Interpro Services, Agreements for

John R. Clark, p68, February

Cover

Poggemeyer, Lester, P.E., ACEC president

Jake Jaquet, p35, June

Economics

Estimates?, How Accurate are Engineers'

William R. Park, p72, April

GOLDEN-ANDERSON

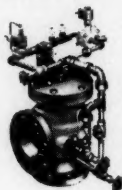
ELECTRIC CHECK VALVES (PUMP CONTROLS)

• DURABILITY • SUPERIORITY

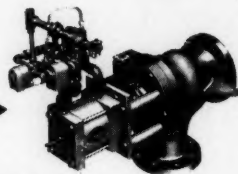
PUMP DIRECTOR
Bulletin PD-2
A Pre-wired
Electric Control Panel



Water
Electric
Check Valve
Bulletin W-1740



Waste Water
Electric Check Valve
Bulletin WW-170



Automatic Control Valves
Since 1895

"We Export"

GA Industries Inc.
GOLDEN-ANDERSON VALVE DIV.

9025 MARSHALL RD., MARS, PA 16046 (412) 776-1020 Telex: 86-6490

Circle 268 Reader Service Card

IBM's New RT PC Changes the Rules

Jim Seymour, p16, April

Low-end Micros: Useful Tools for Professionals?

Jim Seymour, p16, March

Software, New, Makes Managing Data Easier

Jim Seymour, p19, January

Speed, "Accelerator Cards" for PCs

Jim Seymour, p 64, June

VAXpower, Moving It Down to the Desk

Jim Seymour, p18, February

Professional

ACEC's CEO Jim Coyne Vows Activist Role

Stanley Cohen, p40, March

Bid Requests, Turning the Tables on

Michael E. Shanok, p43, February

Convention, Annual, Set for Orlando

Steve Graham, p66, April

Consulting Engineer, The "Invisible"

Steve Graham, p24, February

Infrastructure Decay Outpaces Repair Efforts

Steve Graham, p25, June

Poggemeyer, Lester H., P.E., ACEC President

Jake Jaquet, p35, June

Project Designers Deserve Professional Status

Ronald J. Richard, p47, March

Taxes

Tax Payments, A Review of Estimated

Susan F. Schipper, p68, March

Speaking from Experience...

...Ozone is a reliable,
environmentally acceptable
and yet powerful oxidant.

More than 30 years ago, Emery proved the feasibility of generating ozone for use in chemical processing. More recently, ozone has been used successfully in potable water and wastewater treatment as well as air pollution control.

Ozone has a high oxidative potential second only to fluorine. It can react with a broad range of compounds, making it an outstanding choice for many chemical syntheses. Ozone requires smaller doses and reacts faster to improve the taste, color, odor and clarity of water. It is the inexpensive and dependable alternative to other chemicals.

Emerzone® ozone generators are energy efficient, easily installed, virtually trouble-free and require

little maintenance. Emery currently has over 40 systems operating in the U.S., including its own Cincinnati plant that operates continuously, 24 hours-a-day, 7 days-a-week. This experience provides the engineering expertise necessary to advise you on ozone chemistry and its generation requirements.

Furthermore as a U.S. based supplier of ozone systems, Emery's customers benefit from economies and a response time that cannot be met by competitors located outside of the U.S. Only Emery can guarantee overnight delivery of parts when needed to insure minimum downtime.

For details on how Emery can help you with your ozone production needs, contact:

Ozone Technology Group
Emery Chemicals
4900 Este Avenue
Cincinnati, Ohio 45232
Phone (513) 482-2275

EMERY
Uncommon Chemicals®

